

HRADEC KRÁLOVÉ, 1998

INTERNATIONAL SOCIETY FOR CLINICAL
ELECTROPHYSIOLOGY OF VISION

36th Symposium

PROGRAM BOOK



Hradec Králové, Czech Republic, June 13-17, 1998

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International Society
for
Clinical Electrophysiology of Vision (ISCEV)

36TH SYMPOSIUM

held at the Charles University - Faculty of Medicine
in
Hradec Králové, Czech Republic
June 13 - 17, 1998

PROGRAM BOOK

Organizers: Miroslav Kuba, Zuzana Kubová, Colin Barber
Co-organizers: J. Kremláček, F. Vít
Secretary: L. Machová

AQF98-12-2515

WELCOME TO ISCEV 98!

Dear Friends and Colleagues,

we are happy to meet all of you at the 36th ISCEV Symposium. It is a great pleasure for us that ISCEV has come, for the first time, to our country, and we are pleased that you have accepted our invitation to the Symposium at the Charles University - Faculty of Medicine in Hradec Králové.

We have tried to prepare this Symposium, in keeping with the traditions of ISCEV meetings, as a balanced combination of scientific sessions, electrophysiological equipment exhibition and a social program. This is described in detail on the following pages. The enclosures to this Program Book (included in your participant package) can help you during your stay in Hradec Králové and in Prague and provide some interesting information about places which you will visit.

Since many of you are visiting the Czech Republic for the first time, we will try to introduce you some of the positive characteristics of our country and we hope that you will find this as a pleasant feature of this Symposium. In many activities of the Symposium we use the enthusiastic help of our relatives and colleagues instead of the services of anonymous professional agencies not only to keep costs – and registration fees – down, but also to provide the cordial family atmosphere which is so typical of ISCEV meetings. Please be tolerant if you do not find these efforts fully successful and accept them in the spirit in which they are offered.

On behalf of all organizers, we wish you a satisfying scientific contribution to the 36th ISCEV Symposium and a pleasant experience in Bohemia.

Cordially yours



Miroslav and Zuzana Kuba's

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ISCEV GRANT AWARDEES

ISCEV awarded the following travel grants for 1998:

Overseas:

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Europe:

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Ulf KRETSCHMANN, Germany
Katja WÜRZIGER, Germany

We congratulate to all grant recipients!

SPONSORS

ISCEV and Charles University – Faculty of Medicine in Hradec Králové gratefully acknowledge the generous sponsorship of the following companies and institutions:

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ROLAND CONSULT, Germany
TOMEY AG, Germany

MEETING INFORMATION

On site registration

Saturday, June 13: 1.00 - 6.30 p.m.

Registration desk opens in the foyer of hotel Černigov, all other registered participants will get their Symposium packages in Reception of their hotels

Sunday, June 14 - Wednesday, June 17: 8.30 - 12.30 a.m.

Registration desk will be opened at the place of ISCEV Course, Oral sessions and Exhibition - building of the Faculty of Medicine, ("lékařská fakulta UK") Šimkova Street 870

Participants who have not paid the registration fee yet will get their Symposium package only after a payment (Visa, Eurocard/Mastercard, in cash) at the above places.

In case you need any help, please, contact Mrs. Lucie Machová at the registration desk. Organizing staff is recognizable by the orange color of their badges.

Telephone, Fax, E-mail facilities and Messages

Nearby the registration desk a "Communication center" for Symposium participants is available (Telephone, Fax, E-mail). Urgent messages for participants should be sent to the Fax No.: +420-49-5513912 (5513597) or to the E-mail address: iscev98@lfhk.cuni.cz.

Currency exchange

In working hours exchange of any convertible currency is possible in all banks in the center of the town, 24 hours exchange service is provided in hotels Černigov and Alessandria and automatic banker machines are available at nearby banks for major card systems. Credit cards are accepted at larger stores and restaurants.

Dress

In two occasions a formal dress is expected - for the Gala Dinner and the Closing Ceremony in Prague Carolinum.

City Transportation

ISCEV 98 badges will serve as free tickets for municipal transportation during the Symposium. You can orient yourself in the lines of buses and trolleybuses using the enclosed City map. To reach the Faculty of Medicine (ISCEV Course, Oral sessions, Exhibition), you can take buses or trolleybuses No. 3,5,6,7,12 from the hotel Černigov (4th Bus stop -

"Okresní úřad") and No. 5,6,12 from the hotel Alessandria (3rd Bus stop - "Okresní úřad").

At the end of each social program event, there will be ISCEV bus available (mainly for older participants) which will take you to your hotels. If there is demand, this bus will circulate several times (at about 20 min. intervals) to serve everybody.

Transportation to Closing Ceremony in Prague Carolinum

ISCEV Buses will collect you from hotels in Hradec Králové on Wednesday, June 17 at 2.00 p.m. and will transport you to your hotels in Prague. From all hotels in Prague, Carolinum is within walking distance (see Map of Prague). During your stay in Prague, you can use the Prague Guide (including a map of downtown) which is enclosed with your Symposium package.

Lunches

Lunch will be served every day in the Adalbertinum building, below the old town - see the city map included in this book. (Please, do not confuse it with "Nove Adalbertinum" in the Old town square, where the Poster Session will be held). The time for lunch is 12.30 - 2.00 p.m. on Sunday and Tuesday, 12.30 - 1.30 p.m. on Monday and 12.00 - 1.00 p.m. on Wednesday.

During the two trips, accompanying persons will have lunch on a way.

Vegetarians are requested to register at the registration desk as soon as possible (they will get a special card) so that the necessary number of vegetarian meals could be prepared.

For lunches, as well as for all Symposium social program, the badges will enable you to participate. Therefore, please, keep them visible for the whole time.

Oral presentations

Oral presentations will be strictly limited to maximum 15 minutes (including discussion) to keep the time schedule. A slide preparation for dual projection will be arranged in a separate room in front of the lecture hall. Speakers are requested to give their slides into carousels at least 30 minutes prior to their presentation.

Computer data projection (IBM PC or Macintosh) should be tested one day in advance of your presentation with the assistance of Jan Kremláček.

Coffee breaks

45 minute-long coffee breaks are planned to provide enough time not only for refreshment but also to visit the exhibits of electrophysiological equipment. Coffee, tea, mineral water, juice, cakes and fruit will be provided in front of the lecture hall as well as in the exhibition area on the second floor. **We ask you not to make lines in front of the**

lecture hall but kindly to use also the cafeteria on the second floor, which also has space to sit down.

Poster presentation

The poster session will be held on Sunday, June 14 at 3.00 p.m. in the building of "Nové Adalbertinum" (New Adalbertinum - third floor) in the "Velké náměstí" (Old town square) - see the city map.

As already announced to authors, a poster space of 0.95 m (width) times 1.5 m (height) on white boards will be available. Adhesive labels will be provided for posters installation which starts one hour before the Poster Session. Discussion of odd number posters will be between 3.00 and 4.00 p.m., discussion of even number posters will follow between 4.00 and 5.00 p.m. At the end of the Poster Session a general discussion can continue during the **Poster party**. A buffet dinner will be served, and accompanying persons can also take part after returning from their trip). A meeting of a working group for the **ERG standard review** is planned to take place on the same floor in a separate room.

Posters should be removed immediately after the Poster Party between 6.30 - 7.00 p.m. Then a group photo of all participants and accompanying persons will be taken in the Old town square.

Board Meeting

Board Meeting will take place on Saturday, June 13 at 2.00 - 6.00 p.m. in the hotel Černigov in the Salon No.3 (basement floor).

SCIENTIFIC PROGRAM

Saturday, June 13

2.00-6.00 p.m.

BOARD MEETING

(hotel Černigov)

8.30 p.m.

SESSIONS CHARMEN MEETING

(Museum – Lecture Hall)

ORAL PRESENTATIONS

(Faculty of Medicine)

Sunday, June 14

Session I.

Fundamental studies

Chairs: C.Barber, S.Nilsson

8.30-9.00 **OPENING OF THE SYMPOSIUM**

9.00-9.15 HUMAN-LIKE PHOTOPIC ERGs IN GUINEA PIGS.

P.Lachapelle, D. Behn, J.Dassa

9.15-9.30 ANALYSIS OF RETINAL FUNCTION IN ANIMALS USING
MULTIFOCAL ERG WITH SCANNING LASER
OPHTHALMOCOPE (SLO) STIMULATION

*M.W. Seeliger, K. Narfström, S. Scholz, R. Tornow, K. Miliczek, H.
Schwahn, E. Zrenner*

9.30-9.45 RECORDING A SINGLE ELECTRORETINOGRAM WITH
SEPARATED CONE AND ROD COMPONENTS IN DYSLEXIA
J.C.Greatrex, N.Drasdo, K.Dresser

9.45-10.00 MAGNOCELLULAR DEFICITS ARE HIGHLY CORRELATED IN
EYE AND BRAIN IN BOTH DYSLEXIA AND GLAUCOMA.
Vaegan, A.Orgill, G.Crawford

- 10.00-10.15 KINETICS AND SENSITIVITY OF MOUSE ROD FLASH
RESPONSES DETERMINED BY PAIRED-FLASH
ELECTRORETINOGRAPHY

J.R.Hetling, D.R.Pepperberg

Coffee break

Session II.

Electrophysiology in inherited retinal disorders

Chairs: M.Marmor, R.Weleber

- 11.00-11.15 PATTERN ERG IN FOLLOW-UP OF RETINITIS PIGMENTOSA
M.Hawlina, M.Jarc, P.Popovic, J.Breclj
- 11.15-11.30 CONE ERG AMPLITUDE GROWTH WITH LIGHT
ADAPTATION IN PATIENTS WITH RETINITIS PIGMENTOSA
S.Yamamoto, M.Hayashi, S.Takeuchi
- 11.30-11.45 CLINICAL AND RETINO-CORTICAL CONDUCTION
ALTERATIONS IN PATIENTS AFFECTED BY CLASSICAL
CONGENITAL MUSCULAR DYSTROPHY (CI-CMD)
ASSOCIATED WITH MEROSIN DEFICIENCY.
*A.P.Tormene, R.Bisana, C.Riva, C.Trevisan, F.Martinello,
E.Pastorello, C.Carrolo, M.Fanin, M.L.Mostacciuolo*
- 11.45-12.00 ELECTROPHYSIOLOGICAL AND CLINICAL FINDINGS IN THE
172 PERIPHERIN/RDS MUTATION
*S.M.Downes, G.E.Holder, A.M.Payne, D.A.R.Bessant, F.W.Fitzke,
S.S.Bhattacharya, A.C.Bird*
- 12.00-12.15 OGUCHI DISEASE IN A GERMAN PATIENT DUE TO A
HOMOZYGOUS 4-bp DELETION IN THE RHODOPSIN KINASE
GENE
M.Andrassi, B.Lorenz
- 12.15-12.30 SLOWED RECOVERY KINETICS OF ROD AND CONE
PHOTOTRANSDUCTION IN OGUCHI DISEASE DUE TO A
NULL MUTATION IN THE RHODOPSIN KINASE GENE
A.V.Cideciyan, X.Zhao, S.C.Khani, L.Nielsen, S.G.Jacobson, K.Palczewski

3.00-6.30
p.m.

Poster Session

(Old town square – “Nové Adalbertinum”)
Chairs: M.Bach, G.Holder

5.00-6.00 p.m.	<i>ERG Standard Review</i> working group meeting (Old town square – “Nové Adalbertinum”)
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Monday, June 15

Session III. <i>Electrophysiological and Related Measures of Motion Detection</i> Chairs: V.Odom, Vaegan
--

- 8.30-9.00 INVITED LECTURE – ELECTROPHYSIOLOGICAL AND RELATED MEASURES OF MOTION DETECTION
H.Spekreijse
- 9.00-9.15 THE USE OF MAGNETOENCEPHALOGRAPHY IN STUDIES OF MOTION PERCEPTION IN PATIENTS WITH DISORDERS OF THE VISUAL CORTEX
G.F.A.Harding, I.Holliday, P.Furlong, G.Barnes
- 9.15-9.30 MOTION-ONSET VEPs "AROUND THE CLOCK": BASELINE VALUES AND DIRECTIONAL TUNING OF MOTION ADAPTATION
M.Bach, A.Unsoeld, M.Hoffmann
- 9.30-9.45 VISUAL EVOKED POTENTIALS ELICITED BY MOVING STIMULI: CAN WE EXPECT TO FIND A UNIQUE MOTION-VEP?
W.Spileers, L.Van Malderen, G.Orban
- 9.45-10.00 MOTION-RELATED VEPs – REAPPRAISAL AFTER 10 YEARS' EXPERIENCE:
I. METHODOLOGICAL ASPECTS
M.Kuba, Z.Kubová, J.Kremláček, F.Vít, J.Peregrin
- 10.00-10.15 MOTION-RELATED VEPs – REAPPRAISAL AFTER 10 YEARS' EXPERIENCE:
II. DIAGNOSTIC APPLICATIONS
Z.Kubová, M.Kuba, J.Kremláček, J.Svěrák

Coffee break

Session IV. <i>Visual electrophysiology in paediatrics</i> Chairs: P.Lachapelle, L.Wu
--

- 11.00-11.15 PERSISTENT ROD DYSFUNCTION IN A RAT MODEL OF ROP
A.B.Fulton, R.M.Hansen, K.Roberto, J.S.Penn
- 11.15-11.30 STRUCTURAL AND FUNCTIONAL EVIDENCE FOR A TEMPORAL WINDOW OF OXYGEN HYPERSENSITIVITY IN OXYGEN INDUCED RETINOPATHY (OIR).
O.Dembinska, S.Chemtob, L.M.Rojas, P.Lachapelle
- 11.30-11.45 ERG RESPONSE TYPES DEVELOP AT DIFFERENT RATES.
C.A.Westall
- 11.45-12.00 ERG CHANGES IN PEDIATRIC EPILEPTIC PATIENTS FOLLOWING TREATMENT WITH VIGABATRIN WITHOUT ASSOCIATED VISUAL LOSS.
M.G.Brigell
- 12.00-12.15 VECP AND COLOUR VISION TESTING IN CHILDREN WITH HYDROCEPHALUS
I.Wallner, E.Ring-Mrozik, C.Hörmann, T.Berninger
- 12.15-12.30 MULTIFOCAL ERG IN PATIENTS WITH X-LINKED JUVENILE RETINOSCHISIS
D.Besch, M.Seeliger, H.Langrova, E.Apfelstedt-Sylla, E.Zrenner

Tuesday, June 16

Session V.

Electrophysiology in the Investigation of Acquired Retinal Disorders
Chairs: Y.Oguchi, U.Kellner

- 8.30-9.00 INVITED LECTURE – ELECTROPHYSIOLOGY IN THE INVESTIGATION OF ACQUIRED RETINAL DISORDERS
E.Zrenner
- 9.00-9.15 MULTIFOCAL ERG RESPONSES IN CENTRAL SEROUS CHORIORETINOPATHY
M.F.Marmor, F.Tan
- 9.15-9.30 FLUORESCEIN-ERG. A SENSITIVE METHOD FOR THE DETECTION OF SUBCLINICAL VASCULAR DAMAGE IN IDDM PATIENTS.
M.Janáky, Z.Fülöp, G.Benedek
- 9.30-9.45 DEPOLARIZING PATTERN OF MACULAR CONE ERG (ON-MACULA) IN HUMAN MACULAR DYSTROPHY
Y.Miyake, M.Horiguchi, M.Kondo, H.Terasaki, R.Nomura

-
- 9.45-10.00 USE OF SIMULTANEOUS RECORDING OF PATTERN ELECTRORETINOGRAM AND VISUAL EVOKED POTENTIALS TO DIFFERENTIATE PAPILLITIS FROM ANTERIOR ISCHEMIC OPTIC NEUROPATHY

D.Veselinovic

- 10.00-10.15 ELECTRORETINOGRAPHY AND PSYCHOPHYSICS IN CANCER ASSOCIATED RETINAL DEFICIT (CARD) SYNDROME.

W.Dawson, B.Jordan, K.Hazariwala, T.Fang, R.Marsh.

Coffee break

Session VI.

Visual evoked potentials

Chairs: E.Adachi, I.Perlman

- 11.00-11.15 VISUAL EVOKED POTENTIALS FROM PAPER? PATTERN-ONSET CORTICAL RESPONSES TO A STATIONARY PATTERN.

C.Macaluso, G.Pavesi, M.Camparini

- 11.15-11.30 PATTERN ONSET AND REVERSAL VEPs FROM THE MULTI-FOCAL TECHNIQUE

C.Barber, E.J.Bowers, W.Gao, J.R.Starck

- 11.30-11.45 RETINOTOPIC ANALYSIS OF ON-PATHWAY AND OFF-PATHWAY USING MULTI-FOCAL VEPs

R.Inoue , H.Ohde, K.Kita, Y.Oguchi

- 11.45-12.00 RELATION BETWEEN VEF AND VEP - REPRODUCIBILITY AND RELIABILITY

K.Yanashima, M.Ishida, T.Enoki, K.Magatani & T.Beppu

- 12.00-12.15 VEP IN SMALL-FOR-GESTATIONAL-AGE INFANTS

M.Kraemer, A.Sjoestrom

- 12.15-12.30 EFFECTS OF EXTERNAL NOISE ON CONTRAST THRESHOLDS IN NORMAL PATIENTS AND PATIENTS WITH EARLY GLAUCOMA: A COMPARISON OF BEHAVIORAL AND ELECTROPHYSIOLOGICAL THRESHOLDS.

J.V.Odom, J.T.Yates, M.J.Leys, M.Green, W.Huang, J.Charlton, J.Reed, B-Z.Di

2.00 - 4.00
p.m.

Clinical Cases Session

Coordinator: M. Marmor
(Faculty of Medicine)

4.00 - 6.00 p.m.	Membership Meeting (Faculty of Medicine)
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Wednesday, June 17

Session VII. Theoretical studies Chairs: W.Dawson, Z.Kubová

- 9.00-9.30 **SCIENTIFIC GUEST LECTURE - CORTICAL MECHANISMS OF MOTION DETECTION**
C.Bakemore
- 9.30-9.45 ELECTIVE ENHANCEMENT OF THE PHOTOPIC ERG FOLLOWING EXPOSURE TO A BRIGHT RED BACKGROUND
D.Behn, P.Lachapelle
- 9.45-10.00 THE INFLUENCE OF MgCl₂ ON THE LIGHT-INDUCED POTASSIUM INCREASES AND THE ERG b-WAVE OF THE ISOLATED SUPERFUSED RCS RAT RETINA
K.Wurziger, Th.Lichtenberger, R.Hanitzsch
- 10.00-10.15 ANALYSIS OF THE ELECTRICAL EXCITABILITY OF THE CHICKEN RETINAL NETWORK BY MEANS OF A PLANAR MICROELECTRODE ARRAY
A.Stett, S.Weiss, W.Barth, T.Herrmann, E.Zrenner, H.Haemmerle

Coffee break (30 min. only!)

Session VIII. Multifocal ERG Chairs: Y.Miyake, N.Galloway

- 10.45-11.00 SECOND ORDER KERNEL RESPONSES OF MULTIFOCAL ERG RECORDED FROM NORMAL SUBJECTS
M.Yoshii, K.Yanashima, Nakatani, F.Sakemi, S.Suzuki, S.Okitaka
- 11.00-11.15 MULTIFOCAL ERG IN PATIENTS WITH Optic nerve Diseases
U.Kretschmann, H.Langrova, H.Wilhelm, M.Seeliger, E.Apfelstedt-Sylla, B.Leo-Kottler, E.Zrenner
- 11.15-11.30 TOPOGRAPHIC MAPPING OF THE RETINA BY USING A SCANNING LASER OPHTHALMOSCOPE EVOKED MULTIFOCAL-ERG (SLO-m-ERG)
G.Rudolph, M.Bechmann, G.B.Arden, I.Zolnikova, C.Hörmann, T.Berninger

-
- 11.30-11.15 MULTIFOCAL ERG: EVALUATION OF RETINAL FUNCTION FOLLOWING MACULAR HOLE SURGERY
U.Kellner, S.Potthoefer, N.Bornfeld, H.Kraus, M.H.Foerster
- 11.45-12.00 ELECTROPHYSIOLOGY USING THE SCANNING LASER OPHTHALMOSCOPE
R.P.Tornow

POSTER PRESENTATIONS
(Old town square – “Nové Adalbertinum”)

Sunday, June 14

3.00 - 6.30 p.m.

1. THE RETINAL PIGMENT EPITHELIAL ELECTRICAL FUNCTION IN PATIENTS WITH MULTIPLE SMALL PIGMENT EPITHELIAL DETACHMENTS
Abraham F.A., Shwab E.
2. PROTECTIVE EFFECT OF DOCOSAHEXAENOIC ACID ON DAMAGED RETINA BY KAINIC ACID IN RAT
Adachi-Usami E., Li S.M., Mizota A.
3. BINOCULAR SUMMATION OF VISUALLY EVOKED POTENTIALS IN NORMAL TENSION GLAUCOMA
Amaya K., Adachi-Usami E., Tsuyama Y., Kawabata H., Shijo Y.
4. MAPPING THE RETINAL FUNCTION IN PATIENTS WITH MACULAR HOLE USING A SCANNING LASER OPHTHALMOSCOPY (SLO) EVOKED AND MONITOR STIMULATED MULTIFOCAL ELECTRORETINOGRAM
Bechmann M., Rudolph G., Berninger T., Messmer E.M., Kampik A.
5. MULTIFOCAL-ERG, PERG AND COLOUR VISION TESTING IN GLAUCOMA PATIENTS
Berninger T., Rudolph G., Hörmann C., Zolnikova I., Arden G.B.
6. COMPARISON OF THE MULTIFOCAL-ERG-RECORDING-SYSTEMS VERIS AND RETISCAN
Bock M., Belitsky L., Lorenz B.
7. FORMIC ACID ELEVATES THE C-WAVE AMPLITUDE AND DECREASES THE B-WAVE AMPLITUDE OF THE ELECTRORETINOGRAM OF THE ALBINO RABBIT EYE
Bragadóttir R., Nilsson S.E.G.
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MEMBERSHIP MEETING AGENDA

1. Opening Address by the President
2. Minutes of the 1997 Membership Meeting
3. Report of the Secretary General for 1997
4. Report of the Treasurer for 1997
5. Report of the Editor for 1997
6. Elections
 - 6.1 for Vice-president, Asia/Australia: position vacated by Adachi
(Not eligible for re-election, having served two terms)
 - 6.2 for Vice-president, Americas: position vacated by Marmor
(Not eligible for re-election, having served two terms)
 - 6.3 for Secretary, Asia/Australia: position vacated by Oguchi
(Eligible for re-election, having served one term)
 - 6.3 for Member-at-large: position vacated by Wu
(Eligible for re-election, having served one term)
7. Future Symposia
 - 7.1 Reminder about 1999
 - 7.2 Dates and Topics for 2000
 - 7.3 Location for 2001
 - 7.4 Location for 2002
8. Report of this year's Symposium Organisers
9. ERG Standard Review
10. Publication of the Newsletter
11. Any other items arising from the Board Meeting
12. Any other business
13. Close of the meeting

SOCIAL PROGRAM

All Participants

Saturday, June 13

- 7.00 p.m. **Welcome Party** Town Museum (on the bank of the Elbe river - see the city map)
It will be possible to visit expositions of the Museum and to see a specially-prepared film (15 min.) depicting life under the communistic regime in Czechoslovakia. There will be two projections in the Museum Lecture Hall – at 8.00 p.m. and 9.00 p.m. Departure of a bus to hotels at 10.00 p.m.

Sunday, June 14

- 5.00 p.m. **Poster Party** "Nové Adalbertinum"
Old town square (see the city map)
- 7.00 p.m. **Group photo** on the Old town square
- 7.30 p.m. **Two pianos concert**
Holy Spirit Cathedral – Old town square – "Velké nám." (see the city map)
Bus departure to hotels at about 9.00 p.m.

Monday, June 15

- 2.00 p.m. **Walking tour** through town of Hradec Králové, with excursion into town brewery and beer tasting
ISCEV 98 participants will be divided into 5 groups which will start the tour at various places to enable a rotation of brewery visitors. You will find the number of your group and a specification of the starting point in your Symposium package.

- 4.00 p.m. **Garden Party** in "Jiráskovy sady" (town park at the confluence of the Elbe and Vltava rivers - see the city map)
The Garden Party will be in the style of an old village feast with Czech meals (not exclusively), music and a small market giving you a possibility to buy some typical Czech souvenirs. Traditional ISCEV competition will be organized. Among participants from each country, one person is responsible for a nomination of a couple (female-male) for competition. In case of nomination problems, you can create international couples.
Bus departure to hotels between 10.00 and 11.00 p.m.

Tuesday, June 16

- 8.00 p.m. **Gala Dinner** in the hotel Černigov
Bus departure to other hotels at about 11.00 p.m.

Wednesday, June 17

- 7.00 p.m. **Closing Ceremony** in Aula of historical Carolinum in Prague including the award (by Mrs. Elke Dodt) to the winner of the "Eberhard Dodt Memorial Award" and awarding of memorial medals of the Charles University to Prof. Zrenner, Prof. Spekreijse and Prof. Blakemore who helped to keep and improve the electrophysiological research at the Charles University – Medical Faculty in Hradec Králové. We deeply regret that the Charles University cannot express our gratitude to Prof. Eberhard Dodt - the superior patron of visual electrophysiology not only in Hradec Králové but in all former communistic countries. (It is not possible to award this medal "in memoriam"). He set up many fellowships in his Bad Nauheim laboratories which enabled countless visual electrophysiologists to keep up to date in their field. Prof. Dodt remains forever in our memory.
- 8.00 p.m. **Farewell reception**, guided excursion through the building of the Carolinum, possibility to buy memorial items commemorating the 650th anniversary of the Charles University

Accompanying Persons only

Sunday, June 14

- 8.30 a.m. All day trip (lunch included) to renaissance town of Nové Město,
sandstone rocks of Adršpach and castle of Náchod
Return to hotels is planned at about 3.30 p.m. At about 5.00 p.m.
buses will take accompanying persons to the **Poster Party**

Tuesday, June 16

- 8.30 a.m. Morning trip to a famous moving wood carved Nativity scene in
the town of Třebechovice and to a cut-glass manufacturer with on-
site shopping possibility in Dobruška. Accompanying persons will
find in their Symposium packages a brochure showing traditional
Czech cut-glass which can be bought there for a reasonable price
(we do not recommend to buy cut-glass in Prague for a high price).
Lunch in small town of Dobruška is included

Departures of busses are from hotels Černigov and Alessandria only (for both trips).

LIST OF INFORMATIVE ENCLOSURES

- Abstract Book (participants only)
Hradec Králové City Map
Hradec Králové Brochure
Town Museum Brochure (site of Welcome Party)
PROCRYSTAL Cut-glass Catalogue (excursion destination - for accomp. persons only)
District Hradec Králové - Tourist attractive places
Sand-stone Rocks of Adršpach (trip destination - accomp. persons only)
Prague Guide (participants only)
Charles University - 650th anniversary (participants only)

CZECH HISTORY

(Summarised by M. Kuba)

The Czech Republic, made up of Bohemia and Moravia, is home to some 10 million people, living on the edge of Germanic and Slavic worlds. Despite many common historical links with Germans and Austrians, the result being part of the Soviet communist block for more than 40 years is that the Czech Republic is now commonly referred to as an east European Country.

The Czech and Moravian lands have a long history. The first attempt to establish a state in this region was made in the 7th century AD by the merchant Samo, who unified the Slavonic tribes to protect them against the Avars. The Przemysloid Dynasty started with the unification of the Bohemian tribes, which led to the foundation of the Bohemian Principality in the 10th century. Saint Wenceslas became a symbol of the Czech country which at that time also included Moravia, Silesia and a part of Slovakia. In 1086 Bohemia became a Kingdom known as 'Lands of the Czech Crown'. The greatest territorial extent was reached in the 13-th century in the time of the rule of King Przemysl Otakar II, when the Kingdom's borders reached the Baltic and Adriatic seas. The greatest cultural and political significance came in the 14-th century under the rule of the Holy Roman Emperor Charles IV, who also founded in Prague the first university in Central Europe, known as Charles University. In 1526 Ferdinand, from the Austrian Habsburg dynasty, was elected as a king and all the Lands of the Czech became a part of the Austrian-Hungarian Empire and remained so for more than 300 years.

After World War I, an independent democratic Czechoslovakia was founded. It consisted of Bohemia, Moravia, part of Silesia, Slovakia and Carpatho-Ruthenia. Tomáš Garique Masaryk was elected as its first president. The Czechs have defined themselves through their culture, based on a very high moral code, summed up by the slogan of Czechoslovak presidents "Truth wins", and put succinctly by Masaryk, when he said that the life of the Czechs and Slovaks should be guided by two simple commandments: "Do not be afraid" and "Do not steal." Because industry in the Czechlands was one of the most developed in Europe, Czechoslovakia quickly became one of the world's top 10 economies, with a GDP higher than that of England.

In 1938 the German dictator Adolf Hitler invaded the region of Czechoslovakia known as Sudetenland, using the presence of Sudeten Germans there as a pretext. This violation was agreed at the meeting in Munich by both England and France, despite the fact that France had a military treaty with Czechoslovakia. Despite the resolve of all Czech people to protect their border with Germany, the Czechoslovak government and president Beneš, who followed Masaryk, decided to give up the unequal fight with Germany when it was clear there would be no help from any other country. This event represented a huge disappointment for the Czech people and probably influenced, not only the development of the political situation after the World War II, but also some

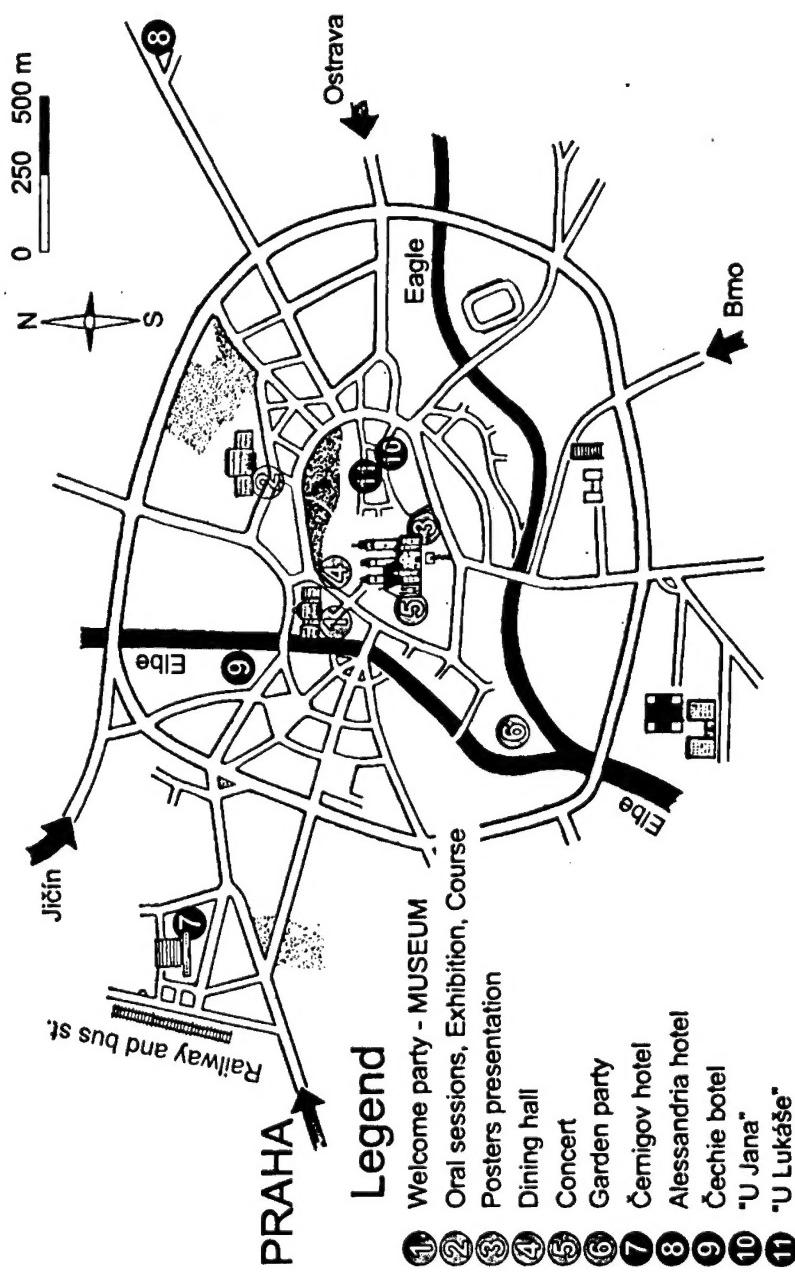
recent characteristics of the Czech nation. During the War the Czech lands were occupied by Germany, while Slovakia declared independence under German influence. The Yalta conference of February 1945 was important in determining the post-war situation. Stalin and Roosevelt agreed that Czechoslovakia would be in the Soviet zone and so Prague had to wait for liberation by Soviet Army. After the War the Czech lands and Slovakia rejoined to form Czechoslovakia again, but Carpatho-Ruthenia was annexed by the USSR.

In the 1946 elections, the Communist party won and convinced a major part of the nation to prefer links with Soviet Union. In 1948, the Communist party took over the country by force. The communists nationalized most property, forced farmers to join collective farms, and, in the early 1950s, imprisoned or executed many political opponents. In 1968 Alexander Dubček, a Slovak Communist leader, began a program of liberal reform. The USSR, fearing that reform would weaken Communist control in Czechoslovakia, led an invasion that re-established tight control. Although the Czech nation seemed to be unique in this tendency to change the communistic regime, after the invasion of Soviet troops there was no organized opposition. The repeated bad experiences of a small nation in the center of interests from West and East led to lethargy and the majority of people preferred to save their own families and jobs instead of joining a risky political fight. The Communist Party remained in power until November 1989, when Czechs and Slovaks joined in mass demonstrations that forced the government to resign in the "velvet revolution". Václav Havel became the country's new president, and in 1990 Czechoslovakia held its first free elections since 1946. However, because of Slovak nationalism fomented by some of their political leaders, tensions developed between Czechs and Slovaks. Slovakia declared its sovereignty and in January 1993 the Czechoslovak federation was replaced by two new independent states, the Czech Republic and Slovakia. Havel was elected president of the new Czech Republic, and Václav Klaus who had become the Czech prime minister in 1992, continued to head the government. In the 1996 elections Klaus's center-right coalition lost its parliamentary majority, a sign believed by many to reflect a desire of the part of Czech voters to slow the rapid pace of economic reform. A period of political instability leads now to preterm elections which will take place on June 19-20, 1998.

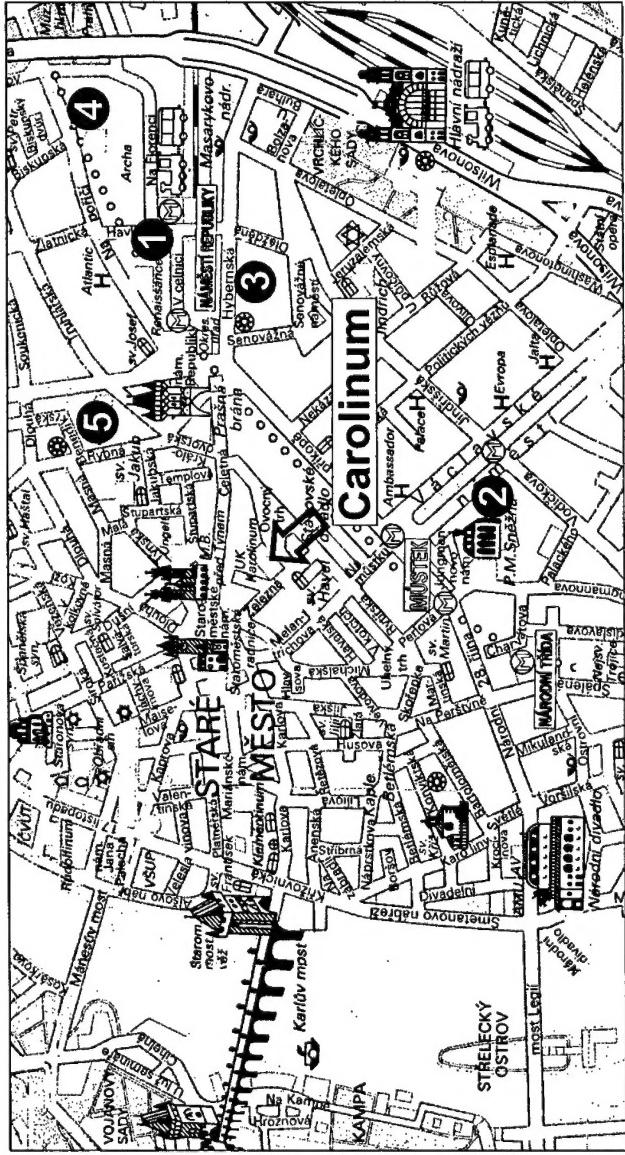
After successful and famous periods of Czech history; in the twentieth century our country became a victim first of nazi Germany and later the communist Soviet Union. It seems that the Czech historian and philosopher of the 19th century Palacký was right when he declared an Austro-Slavic community as an important condition for safety in the central Europe. Despite a long tradition of Czech lands as a part of western European culture, 41 years of communistic regime under the influence of the Soviet Union substantially changed not only the character of the Czech nation but also the access of the West to our country.

In the film which will be shown during the welcome party, we try to give you a short overview of the communist period in Czechoslovakia, which is hard to imagine for anybody who has not lived through it.

Hradec Králové Map



Hotels in Prague



Legend

- 0 250 500 m
- 1 Renaissance
 - 2 Adria
 - 3 Meteor Plaza
 - 4 Axa
 - 5 Central